



JC14 Rec'd PCT/PTO 12 JUL 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Per-Arne Wiberg et al.

Application No. 09/648,000

Filed: October 10, 2000

Titled: PNEUMATICALLY DRIVEN LOUDSPEAKER AND ITS USE

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#6  
(Nte)  
Date  
correct  
6/6/01

REQUEST FOR ISSUANCE OF CORRECTED OFFICIAL FILING RECEIPT

Commissioner for Patents  
Washington, DC 20231

Sir:

Applicants request issuance of a Corrected Filing Receipt due to an error on the Filing Receipt mailed July 9, 2001. The Filing Receipt mailed July 9, 2001 lists a filing date of June 6, 2001. However, Applicants completed the requirements of 35 U.S.C. § 371 in the US/DO/EO on April 3, 2001, as evidenced by the attached copies of the following documents filed June 6, 2001: Filing Receipt with corrections marked in red ink, third submission of National Phase filing form, Response to Notification To File Missing Requirements filed June 6, 2001, receipt postcard date-stamped on June 6, 2001 by mailroom at the U.S. Patent and Trademark Office, PCT/DO/EO/905, second submission of National Phase filing form filed April 3, 2001, Declaration and Power of Attorney, Assignment, assignment recordation coversheet, and receipt postcard date-stamped on April 3, 2001, by the mailroom at the U.S. Patent and Trademark Office.

The undersigned hereby authorizes the Commissioner to charge any insufficient fees or credit any overpayment to Deposit Account No. 19-5127 referencing Order No. 19391.0009.

Respectfully submitted,

Eric J. Franklin  
Registration No. 37,134

Dated: July 12, 2001

SWIDLER BERLIN SHEREFF FRIEDMAN, LLP  
3000 K Street, N.W., Suite 300  
Washington, D.C. 20007  
(202) 424-7500



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Page 1 of 4

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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

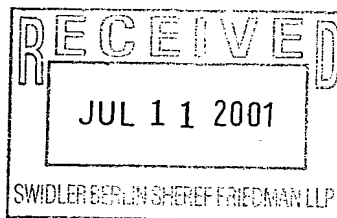
APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/648,000 ✓	06/06/2001 ✓ 04/03/2001	2643	1126	1878/00036 19391.9	7	27	1

CONFIRMATION NO. 7362

FILING RECEIPT



\*OC00000006273874\*

Edward A Pennington  
Swidler Berlin Shereff Friedman  
3000 K Street NW Suite 300  
Washington, DC 20007-5116

Date Mailed: 07/09/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Per-Arne Wiberg, Halmstadt, SWEDEN;  
Urban Emborg, Ljungsbro, SWEDEN;  
Sohan Sarin, Linkoping, SWEDEN;  
Joakim Holmgren, Linkoping, SWEDEN;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/SE99/00586 04/09/1999 ✓

## Foreign Applications

SWEDEN 9801257.8 04/09/1998 ✓

Projected Publication Date: N/A ✓

Non-Publication Request: No ✓

Early Publication Request: No ✓

## Title

Pneumatically driven loudspeaker and its use ✓

DOCKETED 9dc  
7.11.01

**Preliminary Class**  
**381**

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**Data entry by : NGUYEN, SON**

**Team : OIPE**

**Date: 07/09/2001**



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

Application No. 09/648,000  
Applicant: Wiberg et al.

Docket No. 19391.0009  
Atty: E Franklin

Due Date: no due date

The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon.

- ☒ Trans letter to DO/EO/US, Response to Notice to File Missing Requirements, copies of: Trans letter to DO/EO/US, Decl & POA, Assign & cvr sht filed 4/3/2001, copy of receipt postcard date-stamped by PTO mailroom 4/3/2001
- ☒ Deposit Account Authorization



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TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

19391.0009

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/648,000

INTERNATIONAL APPLICATION NO.

PCT/SE99/00586

INTERNATIONAL FILING DATE

9 April 1999

PRIORITY DATE CLAIMED

9 April 1998

TITLE OF INVENTION

PNEUMATICALLY DRIVEN LOUDSPEAKER AND ITS USE

APPLICANT(S) FOR DO/EO/US

Per-Arne Wiberg, Urban Emborg, Sohan Sarin, and Joakim Holmgren

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as published (35 U.S.C. 371(c)(2)) **WO99/53720**
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. Below concern other document(s) or information included:


11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, PTO-1449, 6 references
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter
16. ☒ Other items or information:
  1. Copy of second submission to DO/EO/US filed April 3, 2001 with copy of Declaration and Power of Attorney and copy of Assignment and coversheet
  2. Response to Notification To File Missing Requirements
  3. Copy of receipt postcard date-stamped on April 3, 2001 by PTO mailroom, evidencing filing of Dec & POA and Assignment
  4. Copy of PCT/DO/EO/905



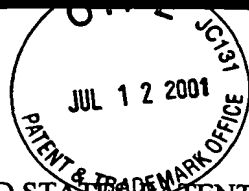
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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/648,000		INTERNATIONAL APPLICATION NO. PCT/SE 95/005		ATTORNEY'S DOCKET NUMBER 19391.0009	
<input type="checkbox"/> The following fees are submitted:				CALCULATIONS	PTO USE ONLY
Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO.....\$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) .....\$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$760.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00	
Claims	Number Filed	Number	Rate		
Total Claims	27 - 20 =	0	X \$18.00	\$	
Independent Claims	1 - 3 =	0	X \$80.00	\$	
Multiple dependent claim(s)(if applicable)			+ \$270.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 0.00	
Reduction by 1/2 for filing by small entity, if applicable.				\$	
SUBTOTAL =				\$ 0.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
TOTAL NATIONAL FEE =				\$ 0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 0.00	
				Amount to be: Refunded \$	
				Charged \$ 0.00	
a. <input type="checkbox"/> A check in the amount of \$___ to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-5127</u> , Order No. <u>19391.0009</u> in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-5127</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status					
SEND ALL CORRESPONDENCE TO:					
Edward A. Pennington Swidler Berlin Shereff Friedman, LLP 3000 K Street, N.W., Suite 300 Washington, DC 20007-5116					
				SIGNATURE  Eric J. Franklin NAME 37,134	





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Wiberg et al.

Serial No.: 09/648,000

Filed: October 10, 2000

Title: Pneumatically Driven Loudspeaker and Its Use

:  
:  
: Art unit: to be assigned  
:  
: Examiner: to be assigned  
:  
: Attorney Docket: 19391.0009

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RESPONSE TO NOTIFICATION TO FILE MISSING REQUIREMENTS

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Applicants submit herewith a response to the Notification To File Missing Requirements issued March 26, 2001. Also attached hereto are copies of Applicants' submission of April 3, 2001 including a transmittal letter and declaration and power of attorney signed by Applicants. Applicants also submit a copy of a postcard that accompanied the submission of April 3, 2001 that is date stamped by the mailroom of the U.S. Patent and Trademark Office, providing evidence of Applicants' submission of the declaration and power of attorney within the two-month period of response set in the Notification. Accordingly, no extension of time or the associated fee is necessary.

The undersigned hereby authorizes the Commissioner to charge any insufficient fees or credit any overpayment associated with this communication to deposit account no. 19-5127, Order # 19391.0009.

Respectfully submitted,

Eric J. Franklin, Reg. No. 37,134  
Swidler Berlin Shereff Friedman  
3000 K Street, NW, Suite 300  
Washington, DC 20007  
Telephone: (202) 424-7605  
Facsimile: (202) 424-7647

Date: June 6, 2001



UNITED STATES PATENT AND TRADEMARK OFFICE

Technology Center 2600

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/848000	WIBERG	1878/00036
POLLOCK VANDE SANDE & AMERNICK 1990 M STREET, NW SUITE 800 WASHINGTON, DC 20036-3425		INTERNATIONAL APPLICATION NO. PCT/SE99/00586
RECEIVED MAR 27 2001 CONNOLLY BOVE LODGE & HULTZ		I.A. FILING DATE 09 APR 99
		PRIORITY DATE 09 APR 98

DATE MAILED: 26 MARCH 2001

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> U.S. Basic National Fee.   | <input type="checkbox"/> Indication of Small Entity Status.   |
| <input checked="" type="checkbox"/> Copy of the international application.   | <input checked="" type="checkbox"/> Translation of the international application into English.  |
| <input type="checkbox"/> Oath or Declaration of inventor(s).   | <input type="checkbox"/> Translation of Article 19 amendments into English.   |
| <input type="checkbox"/> Copy of Article 19 amendments.  | <input checked="" type="checkbox"/> Other: <i>pre-amendment + ID 5 on 10 OCT 2000, priority doc., &amp; Search rpt. w/ references</i> |
| <input checked="" type="checkbox"/> Priority Document.   |   |
| <input checked="" type="checkbox"/> The International Preliminary Examination Report in English and its Annexes, if any. |   |
| <input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report into English.        |   |

2. ☒ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

- ☐ U.S. Basic National Fee. ☐ Copy of the international application.

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
- ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

4. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice *MUST* be returned with this response.**

Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875 ☐ PCT/DO/EO/920

Kaya Baltimore

FORM PCT/DO/EO/905 (March 2001)

Telephones: 703-305-3696

**DOCKETED** <sup>9dc</sup> 6.5.01

Serial No. *NOT ASSIGNED*  
Applicant: Wiberg et al.

Docket No  
Atty.:

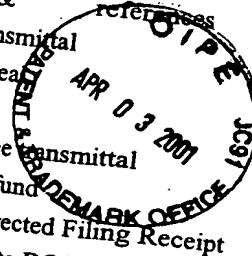
91.0009  
E Franklin

Due Date: no due date

The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon.

- ☐ Amendment (or Response)
- ☐ Petition for Mo. Ext. of Time
- ☐ Response to Restriction Required
- ☐ Resp. to Msg. Prts & Copy of Notice
- ☒ Executed Declaration and POA
- ☐ Priority Documents
- ☒ Assignment & Cover Sheet
- ☐ Req. to Approve Drawing Changes
- ☐ Sheet(s) formal drawings
- ☐ Transmittal Form

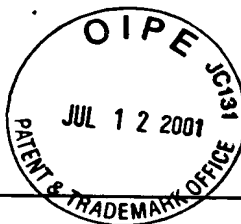
- ☐ IDS w/ 1449 &
- ☐ Issue Fee Transmittal
- ☐ Notice of Appeal
- ☐ Appeal Brief
- ☐ Maintenance fee Transmittal
- ☐ Request for Refund
- ☐ Request for corrected Filing Receipt
- ☒ Other: Trans ltr to DO/EO/US
- ☒ Deposit Account Authorization
- ☐ Fee Transmittal



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TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

19391.0009

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

*NOT ASSIGNED*

INTERNATIONAL APPLICATION NO.

PCT/SE99/00586

INTERNATIONAL FILING DATE

9 April 1999

PRIORITY DATE CLAIMED

9 April 1998

TITLE OF INVENTION

PNEUMATICALLY DRIVEN LOUDSPEAKER AND ITS USE

APPLICANT(S) FOR DO/EO/US

Per-Arne Wiberg, Urban Emborg, Sohan Sarin, and Joakim Holmgren

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

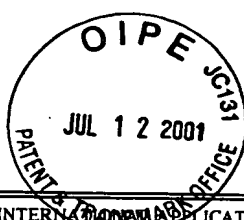
1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371
2. [x] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. § 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as published (35 U.S.C. 371(c)(2)) **WO99/53720**
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. [x] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

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OCT 01 2001

Technology Center 2600

Items 11. to 16. Below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, PTO-1449, 6 references
12. [x] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter
16. ☐ Other items or information:



U.S. APPLICATION NO. (If known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/SE99/00586		ATTORNEY'S DOCKET NUMBER 19391.0009																																																		
<b>[x] The following fees are submitted:</b>  Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO.....\$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) .....\$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$760.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT = \$</b>  Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). <b>\$ 130.00</b> <table border="1"><thead><tr><th>Claims</th><th>Number Filed</th><th>Number</th><th>Rate</th></tr></thead><tbody><tr><td>Total Claims</td><td>27 - 20 =</td><td>0</td><td>X \$18.00</td></tr><tr><td>Independent Claims</td><td>1 - 3 =</td><td>0</td><td>X \$80.00</td></tr><tr><td colspan="3">Multiple dependent claim(s)(if applicable)</td><td>+ \$270.00</td></tr><tr><td colspan="3"><b>TOTAL OF ABOVE CALCULATIONS =</b></td><td><b>\$ 130.00</b></td></tr><tr><td colspan="3">Reduction by 1/2 for filing by small entity, if applicable.</td><td>\$</td></tr><tr><td colspan="3"><b>SUBTOTAL =</b></td><td><b>\$ 130.00</b></td></tr><tr><td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td><td>\$</td></tr><tr><td colspan="3"><b>TOTAL NATIONAL FEE =</b></td><td><b>\$ 130.00</b></td></tr><tr><td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td><td>\$ 40.00</td></tr><tr><td colspan="3"><b>TOTAL FEES ENCLOSED =</b></td><td><b>\$ 170.00</b></td></tr><tr><td colspan="3" rowspan="2"></td><td>Amount to be: Refunded \$</td></tr><tr><td>Charged \$ 170.00</td></tr></tbody></table>				Claims	Number Filed	Number	Rate	Total Claims	27 - 20 =	0	X \$18.00	Independent Claims	1 - 3 =	0	X \$80.00	Multiple dependent claim(s)(if applicable)			+ \$270.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$ 130.00</b>	Reduction by 1/2 for filing by small entity, if applicable.			\$	<b>SUBTOTAL =</b>			<b>\$ 130.00</b>	Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).			\$	<b>TOTAL NATIONAL FEE =</b>			<b>\$ 130.00</b>	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 40.00	<b>TOTAL FEES ENCLOSED =</b>			<b>\$ 170.00</b>				Amount to be: Refunded \$	Charged \$ 170.00	CALCULATIONS	PTO USE ONLY
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- a. ☐ A check in the amount of \$\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 19-5127, Order No. 19391.0009 in the amount of \$170.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-5127. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Edward A. Pennington  
Swidler Berlin Shereff Friedman, LLP  
3000 K Street, N.W., Suite 300  
Washington, DC 20007-5116

SIGNATURE

Eric I. Franklin



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## DECLARATION FOR PATENT APPLICATION

19391.0009

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Pneumatically Driven Loudspeaker and Its Use**

the specification of which: (check one)

☐ is attached hereto.☒ was filed on October 10, 2000 as U.S. National Phase Application of PCT/SE99/00586 filed April 9, 1999, and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR § 1.56(a).

Prior Foreign Application(s): I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate listed below, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed

<u>9801257-8</u>	<u>Sweden</u>	<u>9 April 1998</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO
<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO
<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Application No.)	(Country)	(Day/Month/Year Filed)	YES	NO

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.

Filing Date

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below or 34 U.S.C. § 365(c) of any PCT International Application designating the United States of America listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT application in the manner provided by 35 U.S.C. § 112, first paragraph, I acknowledge the duty to disclose material information as defined in 37 CFR § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>                    </u>	<u>                    </u>	<u>                    </u>
(U.S. or PCT Application Serial No.)	(U.S. or PCT Filing Date)	(Status - patented, pending, abandoned)
<u>                    </u>	<u>                    </u>	<u>                    </u>
(U.S. or PCT Application Serial No.)	(U.S. or PCT Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorneys and/or agents with full power of substitution and revocation, to prosecute this application, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith: Edward A. Pennington (Reg. No. 32,588), John P. Moran (Reg. No. 30,906), Eric J. Franklin (Reg. No. 37,134), Michael A. Schwartz (Reg. No. 40,161), Robert C. Bertin (Reg. No. 41,488), Alicia A. Meros (Reg. No. 44,937), Chadwick A. Jackson (Reg. No. 46,495), Edward J. Naidich (Reg. No. 43,826), and Sean O'Hanlon (Reg. No. 47,252) of Swidler Berlin Shereff Friedman having an address of 3000 K Street, N.W., Suite 300, Washington, D.C. 20007-5116.

Send Correspondence and Direct Telephone Calls to:

Eric J. Franklin  
(202) 424-7500Edward A. Pennington  
Swidler Berlin Shereff Friedman, LLP  
3000 K Street, NW, Suite 300  
Washington, D.C. 20007-5116, U.S.A.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Per-Arne Wiberg

Inventor's Signature

x Per-Arne Wiberg

Date

11/3-2001



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## DECLARATION FOR PATENT APPLICATION

Page 2

Full name of second joint inventor (if any) Urban Emborg

Inventor's Signature

Urban Emborg

Date

19/3 - 2001

Residence Address

Husarvägen 3, S-590 72 Ljungsbro, Sweden

Citizenship

Sweden

Post Office Address

Same as aboveFull name of third joint inventor (if any) Sohan Sarin

Inventor's Signature

Sohan L. Sarin

Date

19-03-2001

Residence Address

Stationsgatan 2 B, S-582 42 Linköping, Sweden

Citizenship

Sweden The Netherlands

Post Office Address

Same as aboveFull name of fourth joint inventor (if any) Joakim Holmgren

Inventor's Signature

Joakim Holmgren

Date

2001-03-19

Residence Address

Hejdegatan 52 B, S-582 43 Linköping, Sweden

Citizenship

Sweden

Post Office Address

Same as above

Full name of fifth joint inventor (if any) \_\_\_\_\_

Inventor's Signature

Date

Residence Address

Citizenship

Post Office Address

Full name of sixth joint inventor (if any) \_\_\_\_\_

Inventor's Signature

Date

Residence Address

Citizenship

Post Office Address

Full name of seventh joint inventor (if any) \_\_\_\_\_

Inventor's Signature

Date

Residence Address

Citizenship

Post Office Address

Full name of eighth joint inventor (if any) \_\_\_\_\_

Inventor's Signature

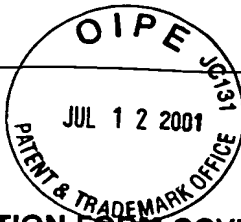
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Expires 06/30/99  
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Corrective Document  
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**Second Party**

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

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Name (line 2)

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**Correspondent Name and Address**

Area Code and Telephone Number

202 424-7500

Name Edward A. Pennington

Address (line 1) Swidler Berlin Shereff Friedman, LLP

Address (line 2) 3000 K Street, N.W.

Address (line 3) Suite 300

Address (line 4) Washington, D.C. 20007-5116

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Patent Number(s)

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PCT PCT/SE99/00  
586

PCT

PCT

PCT

PCT

PCT

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Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

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19391.0009

Authorization to charge additional fees:

Yes ☒

No ☐

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any  
attached copy is a true copy of the original document. Charges to deposit account are authorized, as  
indicated herein.*

Eric J. Franklin, RN 37,134

Name of Person Signing

Signature

April 3, 2001

Date



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**Conveying Party(ies)**

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Enter additional Conveying Parties

Name (line 1) Sohan Sarin

Execution Date  
Month Day Year  
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Name (line 2) RECEIVED

Name (line 1) Joakim Holmgren

Execution Date  
Month Day Year  
03 19 2001

Name (line 2) Technology Center 2600

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

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☐ Mark if additional names of receiving parties attached

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Name (line 2)

Address (line 1)

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Address (line 3)

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State/Country

Zip Code

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**Application Number(s) or Patent Number(s)**

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Patent Application Number(s)

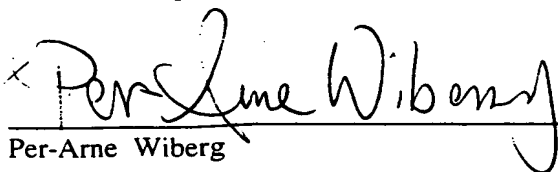

Patent Number(s)


ASSIGNMENT OF UNITED STATES APPLICATION FOR PATENT

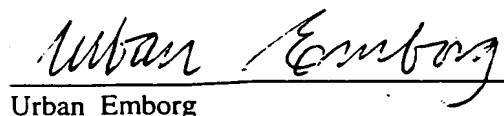
Whereas the undersigned, Per-Arne Wiberg, Urban Emborg, Sohan Sarin and Joakim Holmgren have invented certain improvements in Pneumatically Driven Loudspeaker and Its Use for which an application for Letters Patent of the United States of America was filed on October 10, 2000 as U.S. National Phase of PCT/SE99/00586;

Whereas, SAAB AB, a Swedish corporation of S-581 88 Linköping, Sweden, (hereinafter referred to as Assignee) is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned by these presents, hereby assign, sell and transfer unto the said Assignee, for the territory of the United States of America, all right, title and interest in and to said invention and application, and any and all divisions or continuations thereof, and in and to any Letters Patent that may be granted therefor together with any reissues, extensions or renewals thereof, the same to be held and enjoyed by the Assignee for Assignee's own use and behoof, and for Assignee's legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned had this Assignment and same not been made; and the undersigned, and legal representatives thereof, hereby covenant and agree to execute and deliver any and all papers, and do all lawful acts that said Assignee may consider necessary or advisable to perfect title to said invention and to obtain Letters Patent therefor, and any divisions, continuations, reissues, extensions and renewals thereof, and agree at any time upon request, to communicate to said Assignee, Assignee's successors and assigns, such facts relating to said invention and Letters Patent or the history thereof as may be known to the undersigned and testify as to the same in any interferences, opposition or other litigation, when requested to do so, all without further consideration than that now paid, but at the expense of the said Assignee, Assignee's successors or assigns.

  
Per-Arne Wiberg

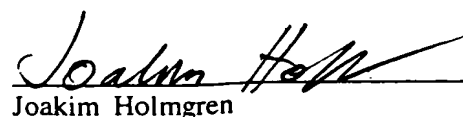
11/3 - 2001  
Date

  
Urban Emborg

19/3 - 2001  
Date

  
Sohan Sarin

19-03-2001  
Date

  
Joakim Holmgren

2001-03-19  
Date